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US App. No. 10/656,008

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**In the Claims:**

1. (original) A single-core bidirectional optical transceiver module, which mainly includes: optical transceiver sleeve, laser diode package, photoelectric sensor, filter glass and combined-seat; it features the following: the combined-seat is rectangular, whose surface is made of stainless steel, the part included within it is made of plastic material by way of integration; it connects with the optical transceiver sleeve at the right side, connects with the laser diode package at the left side, connects again with the photoelectric sensor at its top; such three components are combined in the combined-seat and form an optical transceiver module; while the optical transceiver sleeve serves for the insertion combination of the optical fiber to form the optical coupling connection , so as to provide the product of this creation with the advantages of easy workability and low cost.
2. (original) A single-core bidirectional optical transceiver module to claim 1, wherein the combined-seat is a rectangular solid, another side is equipped with a rectangular hole.
3. (original) A single-core bidirectional optical transceiver module to claim1, wherein the central part of the combined-seat is equipped with two filter-mirrors.
4. (original) A single-core bidirectional optical transceiver module to claim 1, wherein the housing washer of the optical transceiver sleeve is made of stainless steel.
5. (original) A single-core bidirectional optical transceiver module to claim 1, wherein the

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housing washer of the optical transceiver sleeve is equipped thereon with a small flange and flange.

6. (currently amended) A single-core bidirectional optical transceiver module to claim 1 or 3, wherein the inner ring of the optical transceiver sleeve is ceramic ferrule.
7. (original) A single-core bidirectional transceiver module claim 1, wherein the inner ring of the optical transceiver sleeve is equipped therein with a ceramic column embolus.
8. (original) A single-core bidirectional optical transceiver module to claim 1, wherein the graphical head of the laser diode package is placed in the left side of the combined-seat.
9. (currently amended) A single-core bidirectional optical transceiver module to claim 1, wherein the rectangular head of the photoelectric sensor is placed on the top of the combined-seat.
10. (new) A single-core bidirectional optical transceiver module to claim 3, wherein the inner ring of the optical transceiver sleeve is ceramic ferrule.